

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|------------------------------|------------------|---------|------------------|
| L1 | 1 | ("5494004").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 12:54 |
| L2 | 10 | 134/30.ccls. and (combustion and spring) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 12:50 |
| L3 | 0 | 122/379.ccls. and recoil | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 12:51 |
| L4 | 0 | 122/390.ccls. and recoil | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 12:51 |
| L5 | 3 | 431/1.ccls. and recoil | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 12:51 |
| L6 | 0 | ("2465525").URPN. | USPAT | OR | ON | 2007/02/20 12:52 |
| L7 | 1 | ("6431073").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 12:54 |
| L8 | 1 | ("6755156").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 13:01 |
| L9 | 1 | ("4740152").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 13:01 |
| L10 | 1 | ("5769034").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 13:01 |
| L11 | 1 | ("5082502").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 13:02 |
| L12 | 4 | ((("4645542") or ("4089702") or ("4487576") or ("3600116"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 13:16 |
| L13 | 32101 | compression near spring and tension near spring | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 13:24 |
| L14 | 1 | ("5494004").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 13:24 |
| L15 | 23 | ("3782336" "4209028" "4827953" "5031691" "5092280" "5194217").PN. OR ("5494004").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 13:25 |

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| L16 | 36 | ("0620224" "1694371" "1796878" "2494380" "2604368" "3269659" "3589388" "3600255" "3794051" "3817262" "3901252" "3903912" "3938535" "4095305" "4107001" "4199837" "4234980" "4322868" "4422210" "4503811" "4543711" "4547963" "4856545").PN. OR ("5031691").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 13:29 |
| L18 | 383 | (compression near spring) same substitute\$2 same (tension near spring) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 13:30 |
| L19 | 1 | "431"/\$.ccls. and (compression near spring) same substitute\$2 same (tension near spring) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 13:33 |
| L20 | 0 | "122"/\$.ccls. and (compression near spring) same substitute\$2 same (tension near spring) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 13:31 |
| L21 | 0 | (431/1.ccls. and(tensionnear2spring)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 13:33 |
| L22 | 8 | 431/1.ccls. and tension near2 spring | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 13:33 |
| L23 | 3 | ("3604050" "4207648").PN. OR ("4375710").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 13:55 |
| S1 | 4 | ((("5494004") or ("6438191") or ("200200112638") or ("6684823") or ("4375710"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 09:31 |
| S2 | 23 | ("3782336" "4209028" "4827953" "5031691" "5092280" "5194217").PN. OR ("5494004").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 09:53 |

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|----|-----|---|------------------------------|----|-----|------------------|
| S3 | 100 | ("5495813" "4289729" "4325328" "4416615" "4449569" "4577606" "4591331" "4628687" "4629419" "5308043" "5363917" "5380191" "5829407" "5988164" "3782881" "4038954" "4059392" "4149493" "4080932" "4245463" "4249922" "4249490" "4251029" "4258544" "4259970" "4267802" "4270695" "4270519" "4273564" "4273527" "4273078" "4273073" "4274491" "4280877" "4281510" "4285326" "4290405" "4293893" "4300488" "4305705" "4311128" "4312649" "4315488" "4326865" "4336864" "4337741" "4340026" "4341516" "4351298" "4361810" "4363301" "4367799" "4368713" "4371379" "4371378" "4370956" "4372122" "4378767" "4380976" "4383824" "4388896" "4393824" "4397275" "4399797" "4400945" "4403589" "4404948" "4407449" "4412512" "4416638" "4418532" "4438306" "4445485" "4450809" "4455968" "4469055" "4473043" "4474584" "4474007" "4477875" "4476839" "4483391" "4494963" "4496441" "4499365" "4502633" "4503813" "4503669" "4509595" "4513696" "4513695" "4516547" "4518348" "4526001" "4531973" "4535706" "4552572" "4558173" "4569415" "4575394").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:10 |
| S4 | 2 | ((("4495860") or ("4850333"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:17 |
| S5 | 6 | flatness-Sco\$.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:17 |
| S6 | 6 | Hochstein-Jam\$.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:17 |
| S7 | 10 | McDonald-Ral\$.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:17 |
| S8 | 3 | Chenevert-Bla\$.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:18 |
| S9 | 54 | Henderson-Ray\$.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:21 |

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| S10 | 4 | (("5494004") or ("6755156") or ("6431073") or ("6684823")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:22 |
| S11 | 23 | ("3782336" "4209028" "4827953" "5031691" "5092280" "5194217").PN. OR ("5494004").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:32 |
| S12 | 1 | ("5277153").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:29 |
| S13 | 187 | (431/3).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:32 |
| S14 | 512 | (431/1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:46 |
| S15 | 239 | (431/121).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:32 |
| S16 | 736 | (122/379).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:32 |
| S17 | 216 | (122/390).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:36 |
| S18 | 189 | (137/15.01).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:33 |
| S19 | 1223 | (134/30).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 12:50 |
| S20 | 514 | (15/316.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:33 |
| S21 | 221 | (15/406).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:33 |
| S22 | 868 | (165/95).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:33 |
| S23 | 7 | S17 and pulse | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:36 |
| S24 | 0 | 431/1.ccls. and (spring near5 absorb) same forces | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:39 |
| S25 | 3 | 431/1.ccls. and (absorb same forces) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:45 |
| S26 | 6 | 122/379.ccls. and (absorb same forces) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:45 |
| S27 | 1 | 122/390.ccls. and (absorb same forces) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:45 |
| S28 | 128 | 431/1.ccls. and spring | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:53 |

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|-----|----|---|------------------------------|----|-----|------------------|
| S29 | 1 | ("5494004").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 10:53 |
| S30 | 23 | ("3782336" "4209028" "4827953" "5031691" "5092280" "5194217").PN. OR ("5494004"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:53 |
| S31 | 12 | ("20020112638" "20040112306" "5082502" "5430691" "5494004" "5741130" "5769034" "5864517" "6438191" "6446428" "6644201" "6684823").PN. OR ("7011047").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 10:54 |
| S32 | 27 | ("2690960" "2714563" "2752272" "2839435" "3364983" "3910494" "4089702" "4120699" "4461651" "4642611" "4645542" "4655846" "4699665").PN. OR ("5082502"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/20 12:47 |